Internal Application No PCT/US2005/000020

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07D295/08 C07D311/78 A61K31/4523 A61K31/55 C07D335/04 C07D221/18 A61K31/4453 A61P15/12 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of t	he relevant passeges	Relevant to claim No.
P,X	WO 2004/009086 A (ELI LILLY ANDALLY, ROBERT, DEAN; DODGE, JEFRAN) 29 January 2004 (2004-01) page 9; compound IX page 51 preparation 17	EFFREY, ALAN;	1,18,29
X	EP 0 826 679 A (ELI LILLY AND 4 March 1998 (1998-03-04) claims 1,12	COMPANY)	1-36
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X Furt	ther documents are listed in the continuation of box C.	Patent family members are listed	in annex.
"A" docum consi- "E" earlier filing "L" docum which citatic "O" docum other	ategories of cited documents: ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another on or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means lent published prior to the international filing date but the priority date claimed	"T" later document published after the int or priorily date and not in conflict will cited to understand the principle or it invention "X' document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the discount of particular relevance; the cannot be considered to involve an independent of postions and document is combined with one or ments, such combination being obvious in the art. "&' document member of the same paten	In the application but leavy underlying the claimed invention of be considered to occument is taken alone claimed invention needs to be considered to be compared invention asked when the lone other such docupous to a person skilled
Date of the	actual completion of the international search	Date of mailing of the international se	arch report
1	18 May 2005	31/05/2005	
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-77) 340-3016	Authorized officer Kollmannsberger,	M

Inte-donal Application No
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Category •	tion) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages		Retevant to ctaim No.
Υ	EP 0 895 989 A (ELI LILLY AND COMPANY) 10 February 1999 (1999-02-10) claim 1 page 2, paragraph 9		1-36
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Y	EP 0 835 868 A (ELI LILLY AND COMPANY) 15 April 1998 (1998-04-15) page 5, line 37 claim 1		1-36
Υ	EP 0 835 867 A (ELI LILLY AND COMPANY) 15 April 1998 (1998-04-15) page 1, line 44 - line 45 claim 1 page 6, line 54		1-36
			
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INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 15 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest.
Remark on Protest No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet (2)) (January 2004)

Miformation on patent family members

Intermional Application No PCT/US2005/000020

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Information on patent family members

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Intermedia Application No PCT/US2005/000020

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PCT REQUEST

Original (for SUBMISSION)

VIII-3-2	Declaration: Entitlement to claim priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the	in relation to this international application
	filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name	DET LYNEW AND COMPANY
	i i i i i i i i i i i i i i i i i i i	ELI LILLY AND COMPANY
		is entitled to claim priority of earlier application No. 60/538,442 by virtue of the following:
VIII-3-2(i v)		an assignment from DALLY, Robert, Dean to ELI LILLY AND COMPANY, dated 23 April 2004 (23.04.2004)
VIII-3-2(v)		an assignment from FRANK, Scott, Alan to ELI LILLY AND COMPANY, dated 23 April 2004 (23.04.2004)
VIII-3-2(v)		an assignment from WALLACE, Owen, Brendan to ELI LILLY AND COMPANY, dated 23 April 2004 (23.04.2004)
VIII-3-2(v)		an assignment from HINKLIN, Ronald, Jay to ARRAY BIOPHARMA, INC., dated 22 June 2004 (22.06.2004)
VIII-3-2(v)	i	an assignment from ARRAY BIOPHARMA, INC. to ELI LILLY AND COMPANY, dated 25 June 2004 (25.06.2004)
VIII-3-2(x)	i This declaration is made for the purposes of:	AP: (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA: (AM AZ BY KG KZ MD RU TJ TM); EP: (AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA: (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

PCT REQUEST

Original (for SUBMISSION)

	Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1 (a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:	in relation to this international application
	Name (LAST, First)	ELI LILLY AND COMPANY is entitled to apply for and be granted a patent by virtue of the following:
VIII-2-1(i i)		ELI LILLY AND COMPANY is entitled as employer of the inventor, DALLY, Robert, Dean
VIII-2-1(i i)		ELI LILLY AND COMPANY is entitled as employer of the inventor, DODGE, Jeffrey, Alan
VIII-2-1(i i)		ELI LILLY AND COMPANY is entitled as employer of the inventor, FRANK, Scott, Alan
VIII-2-1(i i)		ELI LILLY AND COMPANY is entitled as employer of the inventor, SHEPHERD, Timothy, Alan
VIII-2-1(i i)		ELI LILLY AND COMPANY is entitled as employer of the inventor, WALLACE, Owen, Brendan
	This declaration is made for the purposes of:	all designations except the designation of the United States of America

PCT REQUEST

Original (for SUBMISSION)

VIII-3-1	Declaration: Entitlement to claim	
	priority Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bls.1(a)(iii))	in relation to this international application
	Name	ELI LILLY AND COMPANY
		is entitled to claim priority of earlier application No. 60/538,342 by virtue of the following:
VIII-3-1(i		an assignment from DALLY, Robert, Dean
v)		to ELI LILLY AND COMPANY, dated 23 April 2004 (23.04.2004)
VIII-3-1(i v)		an assignment from DODGE, Jeffrey, Alan to ELI LILLY AND COMPANY, dated 22 April 2004 (22.04.2004)
VIII-3-1(i v)		an assignment from SHEPHERD, Timothy, Alan to ELI LILLY AND COMPANY, dated 23 April 2004 (23.04.2004)
VIII-3-1(v)		an assignment from WALLACE, Owen, Brendan to ELI LILLY AND COMPANY, dated 23 April 2004 (23.04.2004)
VIII-3-1(x)	This declaration is made for the purposes of:	AP: (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA: (AM AZ BY KG KZ MD RU TJ
		TM); EP: (AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT
		RO SE SI SK TR); OA: (BF BJ CF CG CI CM
		GA GN GQ GW ML MR NE SN TD TG); AE AG
	,	AL AM AT AU AZ BA BB BG BR BW BY BZ CA
	1	CH&LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN
	·	IS JP KE KG KP KR KZ LC LK LR LS LT LU
		LV MA MD MG MK MN MW MX MZ NA NI NO NZ
,		OM PG PH PL PT RO RU SC SD SE SG SK SL
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